

TE
228
.L57
1963

**LIST
OF
SIGNS
AND
SIGN BLANKS**

**FOR
PRIMARY AND INTERSTATE SYSTEMS**



**IOWA STATE HIGHWAY COMMISSION
AMES, IOWA**

JANUARY, 1963

17-H53TS
5:S26
963

C O N T E N T S

	Page
Primary Road Signs:	
Regulatory (R1-1 thru R13-14)	1-9
Warning (W1-1 thru W21-7)	10-17
Construction & Maintenance	
(W20 & W21 series)	13-14
Guide (M_, G_, D_ series).....	18-29
Markers (M1-1 thru M10-3).....	18-25
Trailblazer Marker (M6-9).....	22
Barricade rail, bridge guard rail	
and striped object marker (M7-1	
thru M7-18)	22-24
Delineators (M9-1 thru M9-4).....	24-25
Construction (G20-1 thru G20-4).....	25
Directional (D1-1 thru D5-6).....	25-29
Frontage Road (D3-20 thru D3-22).....	27
Trailblazer Assembly for	
guidance to an Interstate	
highway (D5-1 thru D5-6)	28-29
Interstate Road Signs:	
Regulatory (RI-10 thru RI-130)	30-31
Warning (WI-10 thru WI-86)	32-33
Guide (MI-1 thru 3-A).....	34-39
Delineators (1-C thru 3-A).....	38-39
Sign Blanks for Primary and Interstate.....	40-42

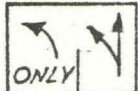
Minimum size for minor
roadways = 18" x 24"
Standard size = 24" x 30"
Minimum Size for expressways
= 36" x 48"

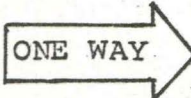
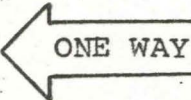
SIZE
CODE

List of Primary Signs Showing Number,
Description, Size, P & E No., Remarks
Sign Blank No. and Old Sign No.

1

Sign Number	Description	Size (in.)	Mfg.Code 019 P&E Part No. *	Remarks	Sign Blank No. X-	Old Sign No.
REGULATORY SIGNS						
R1-1	Stop	Sec.1B-4	48x48	167000- 167001	To be authorized by T&HP	43
R1-2	Stop	Sec.1B-4, 3H-22	36x36	167050- 167051	To be authorized by T&HP	20- R-12, 13
R1-3	Stop	Sec.1B-4	30x30	167100- 167101	Minimum size in rural and busi- ness districts.	13 R-11
R1-4	Stop	Sec.1B-4	24x24	167150- 167151	May be erected only on minor streets where the 85 percentile speed is less than 30 MPH and mounting space is limited.	37 R-13, 14, 15, 16, 17
R1-5	4-Way	Sec.1B-6	16x9	167200- 167201	To be mounted just below each STOP sign at a four-way stop intersection, black legend on white background.	28
R1-6	Yield	Sec.1B-7	48x48x48	167250- 167251	To be authorized by T&HP	38
R1-7	Yield	Sec.1B-7	36x36x36	167300- 167301	To be authorized by T&HP	27 R-2
R2-1	Speed Limit	Sec.1B-10	36x48	See Page 8	(a) 20 (b) 25 (c) 30 (d) 35 (e) 40 (f) 45 (g) 50 (h) 55 (k) 60	32
R2-2	Speed Limit	Sec.1B-10	24x30	See Page 9	(a) 20 (b) 25 (c) 30 (d) 35 (e) 40 (f) 45 (g) 50 (h) 55 (k) 60	11
R2-3	Speed Limit	Sec.1B-10	18x24	See Page 9	(a) 20 (b) 25 (c) 30	8 R-20 thru 27
*FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No. *	Remarks	Sign Blank No. X-	Old Sign No.
R2-4	Truck Speed Limit 50 Sec.1B-10	36x36	169450- 169451		33	R-28
R2-5	Day & Night Speed 70/60 Sec.1B-11	36x48	169500- 169501	Camouflage numbers	32	R-28
R2-6	Minimum Speed 40 Sec.1B-12	24x30	169550- 169551		11	
R2-7	County Day and Night Speed 60/50 Sec.1B-13	24x30	169600- 169601	Camouflage numbers	11	R-33 & R-34
R2-8	Speed Zone Ahead Sec.1B-15	24x30	169700- 169701		11	R-35
R3-1	No Right Turn Sec.1B-16	24x30	170000- 170001		11	R-40
R3-2	No Left Turn Sec.1B-16	24x30	170050 170051		11	R-50
R3-3	No Turns Sec.1B-16	24x24	170100- 170101		5	R-70
R3-4	No U Turn Sec.1B-17	36x48	170150- 170151		32	
R3-5	No U Turn Sec.1B-17	24x30	170200- 170201		11	
R3-6	No U Turn Sec.1B-17	18x24	170250- 170251		8	R-60
R3-7	Lane-Use Control (overhead) Sec.1B-18	30x36	170300- 170301		23	
R3-8	Lane-Use Control (overhead) Sec.1B-18	30x36	170350- 170351		23	
R3-9	Lane-Use Control (ground) Sec.1B-18	30x30	170400- 170401	Right Lane Must Turn Right	4	
R3-10	Lane-Use Control (ground) Sec.1B-18	30x30	170450- 170451	Left Lane Must Turn Left	4	
R3-11	Lane-Use Control (ground) Sec.1B-18	30x30	170500- 170501		4	
R4-1	Do Not Cross Yellow Line in Your Lane Sec.1B-21	24x30	171000- 171001		11	R-100
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No. *	Remarks	Sign Blank No. X-	Old Sign No.
R4-2	Slower Traffic Keep Right Sec. 1B-22	36x48	171050- 171051		32	
R4-3	Slower Traffic Keep Right Sec. 1B-22	24x30	171100- 171101		11	R-125
R4-4	Keep Right Except to Pass Sec. 1B-22	36x48	171150- 171151		32	
R4-5	Keep Right Except to Pass Sec. 1B-22	24x30	171200- 171201		11	R-111
R4-6	Pavement Narrows-Right Vehicle Sec. 1B-22, 1B-38	36x36	171250- 171251	To be mounted with YIELD (R1-7) as a single sign assembly. 	24	
R4-7	Pavement Narrows-Left Vehicle Sec. 1B-22, 1B-38	36x36	171300- 171301	To be mounted with YIELD (R1-7) as a single sign assembly. 	24	
R4-8	Keep  Right Sec. 1B-23	36x48	171350- 171351		32	
R4-9	Keep  Right Sec. 1B-23, 4A-6, 4B-5, 4C-5, 4D-5	24x30	171400- 171401		11	R-121
R4-10	Keep  Right Sec. 1B-23	18x24	171450- 171451		8	R-120
R4-11	Do Not Pass Sec. 5B-7	24x30	171500- 171501		11	R-80
R5-1	Do Not Enter Sec. 1B-24	24x24	172000- 172001		5	R-131
R6-1	 ONE WAY Sec. 1B-25	36x12	172500- 172501		39	R-140
R6-2	 ONE WAY Sec. 1B-25	36x12	172550- 172551		39	R-140
R6-3	One Way  Sec. 1B-25	18x24	172600- 172601		8	
R6-4	One Way  Sec. 1B-25	18x24	172650- 172651		8	
R6-5	Two Way Traffic Ahead Sec. 1B-26, 5B-11	24x30	172700- 172701		11	R-150
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No. *	Remarks	Sign Blank No. X-	Old Sign No.
R6-6	Two Way Traffic Sec.5B-12	24x30	172750- 172751		11	
R6-7	End One Way Sec.1B-26	24x30	172800- 172801		11	
R7-1	No Parking Any Time Sec.1B-27	18x24	173000- 173001	To be erected in Urban Area, red legend on white background.	8	R-162
R7-2	No Parking Any Time → Sec.1B-27	18x24	173050- 173051	To be erected in urban area, red legend on white background.	8	R-163
R7-3	No Parking Any Time ← Sec.1B-27	18x24	173100- 173101	To be erected in urban area, red legend on white background.	8	R-163
R7-4	No Parking Any Time ↔ Sec.1B-27	18x24	173150- 173151	To be erected in urban area, red legend on white background.	8	R-163
R7-5	No Parking 8:30 AM - 5:30 PM Sec.1B-27	18x24	173200- 173201	To be erected in urban area, red legend on white background.	8	R-165
R7-6	No Parking Except Sundays and Holidays Sec.1B-27	18x24	173250- 173251	To be erected in urban area, red legend on white background.	8	
R7-7	No Parking This Block Sec.1B-27	18x24	173300- 173301	To be erected in urban area, red legend on white background.	8	R-164
R7-8	No Parking This Side Sec.1B-27	18x24	173350- 173351	To be erected in urban area, red legend on white background.	8	R-160
R7-9	No Parking Here to Corner Sec.1B-27	18x24	173400- 173401	To be erected in urban area, red legend on white background.	8	
R7-10	No Stopping Sec.1B-27, 5B-13	18x24	173450- 173451	To be erected in urban area, red legend on white background.	8	
R7-11	One Hour Parking 9AM - 7PM Sec.1B-27	18x24	173500- 173501	To be erected in urban area, green legend on white background.	8	R-167
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAY						

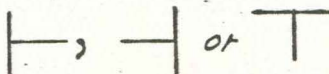
Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No. *	Remarks	Sign Blank No. X-	Old Sign No.
R7-12	Meter Parking Only  Sec.1B-27	18x24	173550- 173551	To be erected in urban area, green legend on white background.	8	
R7-13	Parallel Parking Only  Sec.1B-27	18x24	173600- 173601	To be erected in urban area, green legend on white background.	8	
R7-14	Parallel Parking Only  Sec.1B-27	18x24	173650- 173651	To be erected in urban area, green legend on white background.	8	
R7-15	Parallel Parking Only  Sec.1B-27	18x24	173700- 173701	To be erected in urban area, green legend on white background.	8	
R7-16	No Parking - Loading Zone  Sec.1B-27	18x24	173750- 173751	To be erected in urban area, red legend on white background.	8	
R7-17	No Parking - Bus Stop  Sec.1B-27	18x24	173800- 173801	To be erected in urban area, red legend on white background.	8	R-168
R7-18	Parking Restriction  Sec.1B-27	24x24	173850- 173851	To be erected between two parking zones, indicating a right and a left arrow.	5	
R7-19	Tow-Away Zone  Sec.1B-27	18x9	173900- 173901	May be mounted above any parking prohibition sign, red legend on white background.	31	
R7-20	Parallel Parking Only  Sec.1B-27	18x24	173950- 173951	To be erected in urban area, green legend on white background.	8	
R7-21	Special Parking Sign (variable message)  Sec.1B-27	variable	174000- 174001	To be erected in urban area, green or red legend on white background, and authorized by T&HP.		
R8-1	No Parking on Pavement  Sec.1B-29	36x48	174500- 174501	To be erected in rural area.	32	
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No.*	Remarks	Sign Blank No. X-	Old Sign No.
R10-5	No Pedestrian Crossing Sec.1B-32	12x18	177200- 177201		16	
R10-6	Push Button For Green Light Sec.1B-33	9x12	177250- 177251			
R11-1	Road Closed Sec.1B-34,5B-8	48x30	178000- 178001		41	R-190
R11-2	Bridge Out Sec.1B-34,5B-8	48x30	178050- 178051		41	R-200
R11-3	Road Closed _____ Miles Ahead Local Traffic Only Sec.1B-35,5B-9	60x30	178100- 178101			M-160
R11-4	Bridge Out _____ Miles Ahead Local Traffic Only Sec.1B-35,5B-9	60x30	178150- 178151			M-170
R12-1	Embargo Sign Sec.1B-36	24x30	179000- 179001		11	R-220
R12-2	Weight Limit Sec.1B-36,5B-10	24x30	179050- 179051		11	R-210
R12-3	Axle Weight Limit _____ Tons Sec.1B-36	24x30	179100- 179101		11	
R13-1	Keep Off Wet Paint Sec.1B-37,5B-13	12x18	180000- 180001		16	
R13-2	Equipment With Lugs Prohibited Sec.1B-37	24x18	180050- 180051		8	R-250
R13-3	No Dumping Allowed Sec.1B-37	12x18	180100- 180101		16	R-230
R13-4	No Hitch Hiking Sec.1B-37	12x18	180150- 180151		16	
R13-5	Stop When Signal Is Flashing Sec.1B-37	24x18	180200- 180201		8	R-260
R13-6	Stop On Red Signal Sec.1B-37	18x24	180250- 180251		8	R-261
R13-7	Truck-Bus Stop Ahead Weighing Station Sec.1B-37	36x36	180300- 180301		24	R-270
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No. *	Remarks	Sign Blank No. X-	Old Sign No.
R13-8	Seeding Please Keep Off Sec.1B-37	12x18	180350- 180351		16	R-280
R13-9	Unlawful to Pass Stopped School Bus From Either Direction Sec.1B-37	30x30	180400- 180401	To be authorized by T&HP	4	R-310
R13-10	\$100 Fine or Imprisonment For Disposal of Litter On Highway Sec.1B-37	24x30	180450- 180451	To be authorized by T&HP	11	R-320
R13-11	Stop For Pedestrians in Cross Sec.1B-37 Walk	24x30	180500- 180501		11	R-300
R13-12	No Fishing From Bridge Sec.1B-37	12x18	180550- 180551		16	R-240
R13-13	Truck Interval Sec.1B-37	48x24	180600- 180601		35	D-170
R13-14	Special Regulatory Sign (variable message) Sec.1B-37	variable	180650- 180651	To be authorized by T&HP		
R2-1a	Speed Limit 20	36x48	167800- 167801		32	
R2-1b	Speed Limit 25	36x48	167810- 167811		32	
R2-1c	Speed Limit 30	36x48	167820- 167821		32	
R2-1d	Speed Limit 35	36x48	167830- 167831		32	
R2-1e	Speed Limit 40	36x48	167840- 167841		32	
R2-1f	Speed Limit 45	36x48	167850- 167851		32	
R2-1g	Speed Limit 50	36x48	167860- 167861		32	
R2-1h	Speed Limit 55	36x48	167870- 167871		32	
R2-1k	Speed Limit 60	36x48	167880- 167881		32	
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN						

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No. *	Remarks	Sign Blank No. X-	Old Sign No.
R2-2a	Speed Limit 20	24x30	168400- 168401		11	
R2-2b	Speed Limit 25	24x30	168410- 168411		11	
R2-2c	Speed Limit 30	24x30	168420- 168421		11	
R2-2d	Speed Limit 35	24x30	168430- 168431		11	
R2-2e	Speed Limit 40	24x30	168440- 168441		11	
R2-2f	Speed Limit 45	24x30	168450- 168451		11	
R2-2g	Speed Limit 50	24x30	168460- 168461		11	
R2-2h	Speed Limit 55	24x30	168470- 168471		11	
R2-2k	Speed Limit 60	24x30	168480- 168481		11	
R2-3a	Speed Limit 20	18x24	169000- 169001		8	
R2-3b	Speed Limit 25	18x24	169050- 169051		8	
R2-3c	Speed Limit 30	18x24	169100- 169101		8	
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

List of Primary Signs Showing Number,
Description, Size, P & E Part No., Remarks,
Sign Blank No. and Old Sign No.

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No. *	Remarks	Sign Blank No. X-	Old Sign No.
WARNING SIGNS						
W1-1	Turn Right Sec.1C-4	30x30	183000- 183001		4	W-10
W1-2	Turn Left Sec.1C-4	30x30	183050- 183051		4	W-11
W1-3	Curve Right Sec.1C-5	30x30	183100- 183101		4	W-20 & 21
W1-4	Curve Left Sec.1C-5	30x30	183150- 183151		4	W-22 & 23
W1-5	Reverse Turn Right Sec.1C-6	30x30	183200- 183201		4	W-30
W1-6	Reverse Turn Left Sec.1C-6	30x30	183250- 183251		4	W-31
W1-7	Reverse Curve Right Sec.1C-7	30x30	183300- 183301		4	W-40
W1-8	Reverse Curve Left Sec.1C-7	30x30	183350- 183351		4	W-41
W1-9	Winding Road Right Sec.1C-8	30x30	183400- 183401		4	W-50
W1-10	Winding Road Left Sec.1C-8	30x30	183450- 183451		4	W-51
W1-11	Large Arrow Sec.1C-9	48x24	183500- 183501	Right or Left - To be authorized by T&HP.	35	W-340
W1-12	Large Double Arrow Sec.1C-9	48x24	183550- 183551	Right and Left - To be authorized by T&HP.	35	W-341
W2-1	Cross Road  Sec.1C-10	30x30	184000- 184001		4	W-60
W2-2	Side Road  Sec.1C-11,1C-12	30x30	184050- 184051	To be erected also at "T" intersections.	4	W-61
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL.						
-10-						

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No. *	Remarks	Sign Blank No. X-	Old Sign No.	
W2-3	Side Road Right 	Sec.1C-11	30x30	184100- 184101		4	
W2-4	Side Road Left 	Sec.1C-11	30x30	184150- 184151		4	
W2-5	Side Road 	Sec.1C-13	30x30	184200- 184201		4	
W3-1	Stop Ahead	Sec.1C-14	36x36	185000- 185001	To be erected in advance of 48" x 48", 36" x 36", and 30" x 30" Stop Signs.	24	
W3-2	Stop Ahead	Sec.1C-14	30x30	185050- 185051	To be erected only in advance of a 24" x 24" Stop Sign.	4	W-71
W3-3	Yield Ahead	Sec.1C-15	36x36	185100- 185101	To be erected in advance of 48" and 36" Yield Signs.	24	
W3-4	Signal Ahead	Sec.1C-16, 3B-12	36x36	185150- 185151		24	W-81
W3-5	Merging Traffic	Sec.1C-17	30x30	185200- 185201	To be authorized by T&HP	4	W-390
W3-6	Hill	Sec.1C-18	30x30	185250- 185251		4	W-90
W3-7	Hill (Trucks Use Low Gear)	Sec.1C-18	48x48	185300- 185301		45	
W3-8	Bump	Sec.1C-19	30x30	185350- 185351		4	W-100
W3-9	Dip	Sec.1C-20	30x30	185400- 185401		4	W-110
W4-1	Pavement Ends	Sec.1C-21	30x30	186000- 186001		4	W-200
W4-2	Unfinished Shoulder	Sec.1C-22	36x36	186050- 186051		24	W-320
W4-3	Slippery When Wet	Sec.1C-23	30x30	186100- 186101		4	W-230
W4-4	Dead End	Sec.1C-39	30x30	186150- 186151		4	W-400 GW-401
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL							

-11-

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No. *	Remarks	Sign Blank No. X-	Old Sign No.
W4-5	Pavement Narrows Sec.1C-24	36x36	186200- 186201		24	W-13
W4-6	Falling Rock Sec.1C-39	30x30	186250- 186251		24	
W5-1	Divided Highway Sec.1C-25	36x36	187000- 187001		24	W-14
W5-2	Divided Highway Ends Sec.1C-26	36x36	187050- 187051		24	W-15
W6-1	Narrow Bridge Sec.1C-27, 2C-5	30x30	188000- 188001		4	W-16
W6-2	One Lane Bridge Sec.1C-28, 2C-5	36x36	188050- 188051		24	W-17
W7-1	School Sec.1C-29	30x30	189000	Not Reflector Coated. To be erected only at locations where school buildings or grounds are adjacent to the highway and where passing traffic creates a hazard.	4	W-24
W7-2	School Crossing Sec.1C-29	30x30	189050	Not Reflector Coated. To be erected only in advance of an unsignalized crossing, in the vicinity of a school, used by pupils going to and from school.	4	W-27
W8-1	Railroad Advance Warning Sec.1C-30	36 Dia.	190000- 190001		36	W-260
W8-2	Railroad Crossbuck Sec.1C-31, 3I-6	72x9	190050- 190051			W-265
W9-1	Advisory Speed Plate Sec.1C-33, 5B-34	24x24	See Page 14	(a)10 (b)15 (c)20 (d)25 (e)30 (f)35 (g)40 (h)45 (k)50 (m)55 (n)60. To be used with a warning sign larger than 36" x 36".	5	W-261
W9-2	Advisory Speed Plate Sec.1C-33, 5B-34	18x18	See Page 15	(a)10 (b)15 (c)20 (d)25 (e)30 (f)35 (g)40 (h)45 (k)50 (m)55 (n)60. Standard size to be used with warning signs 36" x 36" and smaller.	19	W-280 thru 28
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

Sign Number	Description	Size (in.)	Qty. Code 019 P&E Part No.*	Remarks	Sign Blank No. X-	Old Sign No.
W9-3	Traffic Signal Speed Sec.1C-34	12x18	192550-192551	Black legend on white background.	16	
W10-1	Low Clearance Sec.1C-35, 2C-5	36x36	193500-193501	To be erected when the clearance is less than 12" greater than the legal height of 13' 6".	24	W-19C
W10-2	Double Arrow  Sec.1C-36, 4B-5, 4C-5, 4D-5	24x24	193550-193551	To be erected on islands where traffic is permitted to pass on either side.	5	
W10-3	Crossing Sign (Truck, Pedestrian, Sec.1C-37 etc.)	30x30	193600-193601		4	
W10-4	No Passing Zone Sec.1C-38, 2B-6	36x48x48	193650-193651		25	W-41C
W11-1	Special Warning (variable message) Sec.1C-39	48x48	194500-194501	To be authorized by T&HP	45	W-330 & 331
W11-2	Special Warning (variable message) Sec.1C-39	36x36	194550-194551	To be authorized by T&HP	24	
W11-3	Special Warning (variable message) Sec.1C-39	30x30	194600-194601	To be authorized by T&HP	4	
W11-4	Special Warning (variable message) Sec.1C-39	variable	194650-194651	To be authorized by T&HP		
W20-1	Road Construction _____ Sec.5B-19	48x48	See Page 15	(a) 1500ft. (b) 1000 ft. (c) 500 ft. (d) Ahead	45	
W20-2	Detour _____ Sec.5B-20	48x48	See Page 16	(a) 1500ft. (b) 1000ft. (c) 500 ft. (d) Ahead	45	W-350
W20-3	Road Closed _____ Sec.5B-21	48x48	See Page 16	(a) 1500ft. (b) 1000ft. (c) 500ft. (d) Ahead	45	
W20-4	One Lane Road _____ Sec.5B-22	48x48	See Page 16	(a) 1500ft. (b) 1000ft. (c) 500ft. (d) Ahead	45	
W20-5R	Right Lane Closed _____ Sec.5B-23	48x48	See Page 16	(a) 1500ft. (b) 1000ft. (c) 500ft. (d) Ahead	45	
W20-5L	Left Lane Closed _____ Sec.5B-23	48x48	See Page 16 & 17	(a) 1500ft. (b) 1000ft. (c) 500ft. (d) Ahead	45	
W20-6	Single Lane _____ Sec.5B-24	48x48	See Page 17	(a) 1500ft. (b) 1000ft. (c) 500ft. (d) Ahead	45	
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

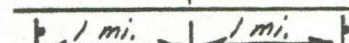
Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No.*	Remarks	Sign Blank No. X-	Old Sign No.
W20-7	Flagman _____ Sec.5B-25	48x48	See Page 17	(a) 1500ft. (b) 1000ft. (c) 500ft. (d) Ahead	45	
W21-1	Men Working Sec.5B-27	30x30	202500	Not Reflector Coated	4	
W21-2	Fresh Oil Sec.5B-28	24x24	202550- 202551		5	
W21-3	Road Machinery Ahead Sec.5B-29	36x36	202600- 202601		24	W-420
W21-4	Road Work Ahead Sec.5B-30	30x30	202650- 202651		4	
W21-5	Shoulder Work Ahead Sec.5B-31	30x30	202700- 202701		4	
W21-6	Survey Party Sec.1C-39, 5B-32	30x30	202750	Not Reflector Coated	4	
W21-7	Water Over Road Sec.1C-39	30x30	202800- 202801		4	W-430
W9-1a	Advisory Speed 10 M.P.H.	24x24	191000- 191001		5	
W9-1b	Advisory Speed 15 M.P.H.	24x24	191050- 191051		5	
W9-1c	Advisory Speed 20 M.P.H.	24x24	191100- 191101		5	
W9-1d	Advisory Speed 25 M.P.H.	24x24	191150- 191151		5	
W9-1e	Advisory Speed 30 M.P.H.	24x24	191200- 191201		5	
W9-1f	Advisory Speed 35 M.P.H.	24x24	191250- 191251		5	
W9-1g	Advisory Speed 40 M.P.H.	24x24	191300- 191301		5	
W9-1h	Advisory Speed 45 M.P.H.	24x24	191350- 191351		5	
W9-1K	Advisory Speed 50 M.P.H.	24x24	191400- 191401		5	
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

Sign umber	Description	Size (in.)	Mfg. Code 019 P&E Part No.*	Remarks	Sign Blank No. X-	Old Sign No.
W9-1m	Advisory Speed 55 M.P.H.	24x24	191450- 191451		5	
W9-1n	Advisory Speed 60 M.P.H.	24x24	191500- 191501		5	
W9-2a	Advisory Speed 10 M.P.H.	18x18	192000- 192001		19	
W9-2b	Advisory Speed 15 M.P.H.	18x18	192050- 192051		19	
W9-2c	Advisory Speed 20 M.P.H.	18x18	192100- 192101		19	
W9-2d	Advisory Speed 25 M.P.H.	18x18	192150- 192151		19	
W9-2e	Advisory Speed 30 M.P.H.	18x18	192200- 192201		19	
W9-2f	Advisory Speed 35 M.P.H.	18x18	192250- 192251		19	
W9-2g	Advisory Speed 40 M.P.H.	18x18	192300- 192301		19	
W9-2h	Advisory Speed 45 M.P.H.	18x18	192350- 192351		19	
W9-2k	Advisory Speed 50 M.P.H.	18x18	192400- 192401		19	
W9-2m	Advisory Speed 55 M.P.H.	18x18	192450- 192451		19	
W9-2n	Advisory Speed 60 M.P.H.	18x18	192500- 192501		19	
W20-1a	Road Construction 1500 Ft.	48x48	200000- 200001		45	
W20-1b	Road Construction 1000 Ft.	48x48	200050- 200051		45	
W20-1c	Road Construction 500 Ft.	48x48	200100- 200101		45	
W20-1d	Road Construction Ahead	48x48	200150- 200151		45	
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No. *	Remarks	Sign Blank No. X-	Old Sign No.
W20-2a	Detour 1500 Ft.	48x48	200200- 200201		45	
W20-2b	Detour 1000 Ft.	48x48	200250- 200251		45	
W20-2c	Detour 500 Ft.	48x48	200300- 200301		45	
W20-2d	Detour Ahead	48x48	200350- 200351		45	
W20-3a	Road Closed 1500 Ft.	48x48	200400- 200401		45	
W20-3b	Road Closed 1000 Ft.	48x48	200450- 200451		45	
W20-3c	Road Closed 500 Ft.	48x48	200500- 200501		45	
W20-3d	Road Closed Ahead	48x48	200550- 200551		45	
W20-4a	One Lane Road 1500 Ft.	48x48	200600- 200601		45	
W20-4b	One Lane Road 1000 Ft.	48x48	200650- 200651		45	
W20-4c	One Lane Road 500 Ft.	48x48	200700- 200701		45	
W20-4d	One Lane Road Ahead	48x48	200750- 200751		45	
W20-5R(a)	Right Lane Closed 1500 Ft.	48x48	201000- 201001		45	
W20-5R(b)	Right Lane Closed 1000 Ft.	48x48	201050- 201051		45	
W20-5R(c)	Right Lane Closed 500 Ft.	48x48	201100- 201101		45	
W20-5R(d)	Right Lane Closed Ahead	48x48	201150- 201151		45	
W20-5L(a)	Left Lane Closed 1500 Ft.	48x48	200800- 200801		45	
	* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL					

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No. *	Remarks	Sign Blank No. X-	Old Sign No.
W20-5L(b)	Left Lane Closed 1000 Ft.	48x48	200850- 200851		45	
W20-5L(c)	Left Lane Closed 500 Ft.	48x48	200900- 200901		45	
W20-5L(d)	Left Lane Closed Ahead	48x48	200950- 200951		45	
W20-6a	Single Lane 1500 Ft.	48x48	201200- 201201		45	
W20-6b	Single Lane 1000 Ft.	48x48	201250- 201251		45	
W20-6c	Single Lane 500 Ft.	48x48	201300- 201301		45	
W20-6d	Single Lane Ahead	48x48	201350- 201351		45	
W20-7a	Flagman 1500 Ft.	48x48	201400- 201401		45	
W20-7b	Flagman 1000 Ft.	48x48	201450- 201451		45	
W20-7c	Flagman 500 Ft.	48x48	201500- 201501		45	
W20-7d	Flagman Ahead	48x48	201550- 201551		45	
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

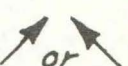
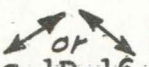
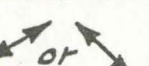
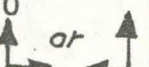
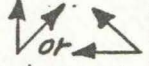
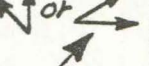
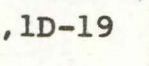
List of Primary Signs Showing Number,
Description, Size, P & E Part No., Remarks,
Sign Blank No. and Old Sign No.

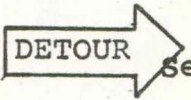
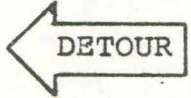
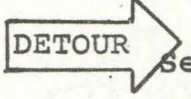
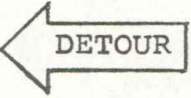
Sign Number	Description	Size (in.)	Mfg.Code 019 P&E Part No.	Remarks	Sign Blank No. X-	Old Sign No.
GUIDE SIGNS						
M1-1	U.S. Route Marker (Shield) Sec.1D-10,1D-12	16½x16	*130000- 130191	To be erected as reassurance markers at 1 mile intervals on alternate sides of the highway. 	2	M-11
M1-2	State Route Marker (Circle) Sec.1D-10,1D-12	16 Dia.	*142000- 143996	To be erected as reassurance markers at 1 mile intervals on alternate sides of the highway. 	3	M-21
M1-3	U.S. Route Marker (Square) Sec.1D-10,1D-12	28x28	*146000- 146951		1	M-12
M1-3A	U.S. Route Marker (Square) (City) Sec.1D-10,1D-20	28x28	**147300- 147301	City Route-White legend on green background.	1	
M1-3B	U.S. Route Marker (Square) (County) Sec.1D-13	24x24	**147600- 147601	To be used <u>only</u> on secondary roads at secondary road intersections.	5	
M1-4	State Route Marker (Square) Sec.1D-10,1D-12	28x28	*148000- 151046		1	M-22
M1-4A	State Route Marker (Square) (City) Sec.1D-10,1D-20	28x28	**152000- 152001	City Route-White legend on green background.	1	
M1-4B	State Route Marker (Square) Sec.1D-13 (County)	24x24	**153000- 153001	To be used <u>only</u> on secondary road at secondary road intersections.	5	
M1-5	County Route Marker Sec.1D-10	24x24	*154000- 154001	White legend on green background. To be used <u>only</u> on primary road at Secondary road intersection.	5	M-30
* FOR SPECIFIC ROUTE MARKER NUMBERS REFER TO P & E CATALOG						
**FIRST NO. IS COMPLETED SIGN; SECOND NO. IS SIGN FROM 12						

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No. *	Remarks	Sign Blank No. X-	Old Sign No.
M1-5A	County Route Marker Sec.1D-10	16x16	155000- 155001	To be used as confirmation marker on secondary road at secondary road intersection and reassurance marker. White legend on green background.		
M1-6	End Route Sec.1D-48	28x16	156000- 156001		29	D-101
M1-7	End Route Sec.1D-48	24x12	156050- 156051		9	
M2-1	Junction Marker Sec.1D-13	28x16	156500- 156501		29	M-42
M2-1A	County Junction Marker Sec.1D-13	24x12	156550- 156551	To be used <u>only</u> on secondary road at secondary road intersection.	9	
M2-2	Combination Junction Sign Sec.1D-14	66x48	156600- 156601	Two Route Markers		
M2-3	Combination Junction Sign Sec.1D-14	72x36	156650- 156651	Three Route Markers		
M2-4	Combination Junction Sign Sec.1D-14	96x36	156700- 156701	Four Route Markers		
M3-1	Advance Turn Arrow ↗ Sec.1D-15	24x24	158000- 158001		5	M-52
M3-2	Advance Turn Arrow ← Sec.1D-15	24x24	158050- 158051		5	M-62
M3-3	Advance Turn Arrow ↖ Sec.1D-15	24x24	158100- 158101		5	
M3-4	Advance Turn Arrow ↓ Sec.1D-15	24x24	158150- 158151		5	
M4-1	Single Directional Arrow → , ← or ↑ Sec.1D-13, 1D-16	24x15	160000- 160001	To be used also on secondary road at secondary road intersections.	17	M-82
M4-1A	Single Directional Arrow (City and County)Sec.1D-10,1D-16, 1D-20 → , ← or ↑	24x15	160050- 160051	City and County Routes - White legend on green background.	17	

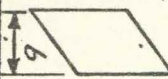
* FIRST NO. IS COMPLETED SIGN
SECOND NO. IS SIGN DECAL

-19-

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No. *	Remarks	Sign Blank No. X-	Old Sign No.
M4-2	Single Directional Arrow Sec. 1D-13, 1D-16 	24x24	160100- 160101	To be used also on secondary road at secondary road intersections.	5	M-87
M4-2A	Single Directional Arrow (City and County) Sec. 1D-10, 1D-16, 1D-20 	24x24	160150- 160151	City and County Routes - white legend on green background.	5	
M4-3	Double Directional Arrow Sec. 1D-16 	28x16	160200- 160201		29	M-92
M4-3A	Double Directional Arrow Sec. 1D-16, 1D-20 	28x16	160250- 160251	City Route - white legend on green background.	29	
M4-3B	Double Directional Arrow (County) Sec. 1D-10, 1D-16 	24x15	160300- 160301	To be used <u>only</u> on primary road at secondary road intersection. White legend on green background.	17	
M4-3C	Double Directional Arrow (County) Sec. 1D-13 	24x15	160350- 160351	To be used <u>only</u> on secondary road at secondary road intersection.	17	
M4-4	Double Directional Arrow Sec. 1D-16 	24x24	160400- 160401	To be used also on secondary road at secondary road intersection.	5	
M4-4A	Double Directional Arrow (City and County) Sec. 1D-10, 1D-16, 1D-20 	24x24	160450- 160451	City and County Routes - white legend on green background.	5	
M4-5	Double Directional Arrow Sec. 1D-16 	24x24	160500- 160501		5	M-102
M4-6	Double Directional Arrow Sec. 1D-16 	24x24	160550- 160551		5	
M4-7	Double Directional Arrow Sec. 1D-16 	24x24	160600- 160601		5	
M4-8	Double Directional Arrow Sec. 1D-16 	24x24	160650- 160651		5	M-106
M4-9	Double Directional Arrow Sec. 1D-16 	24x24	160700- 160701		5	M-105
M5-1	Alternate Sec. 1D-18, 1D-19	18x9	161100- 161101	To be mounted above a route marker.	31	M-120
M5-2	Alternate Sec. 1D-18, 1D-19	28x16	161150- 161151	To be mounted above a route marker.	29	
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No.*	Remarks	Sign Blank No. X-	Old Sign No.
M5-3	Business Sec.1D-18,1D-20	28x16	161200- 161201	White legend on green background. To be mounted above a route marker.	29	M-130
M5-4	Detour Sec.1D-18,1D-21	18x9	161250- 161251	To be mounted above a route Marker.	31	M-150
M5-5	Detour Sec.1D-18,1D-21	28x16	161300- 161301	To be mounted above a route marker.	29	
M5-6	 Sec.1D-22,5B-39	36x12	161350- 161351		39	
M5-7	 Sec.1D-22,5B-39	36x12	161400- 161401		39	
M5-8	 Sec.1D-22,5B-39	48x18	161450- 161451	To be mounted below either Road Closed (R11-1 & R11-3) or Bridge Out (R11-2 & R11-4) signs.	46	M-151
M5-9	 Sec.1D-22,5B-39	48x18	161500- 161501	To be mounted below either Road Closed sign (R11-1 & R11-3) or Bridge Out sign (R11-2 & R11-4)	46	M-151
M6-1	North Cardinal Marker Sec.1D-23	16x9	162000- 162001		28	M-140
M6-2	East Cardinal Marker Sec.1D-23	16x9	162050- 162051		28	M-141
M6-3	South Cardinal Marker Sec.1D-23	16x9	162100- 162101		28	M-142
M6-4	West Cardinal Marker Sec.1D-23	16x9	162150- 162151		28	M-143
M6-5	North Cardinal Marker Sec.1D-12,1D-23	28x16	162200- 162201	To be mounted above a 28" x 28" route marker.	29	M-145
M6-6	East Cardinal Marker Sec.1D-12,1D-23	28x16	162250- 162251	To be mounted above a 28" x 28" route marker.	29	M-146
* FIRST NO. IS COMPLETED SIGN						

Sign umber	Description	Size (in.)	Mfg. Code 019 P&E Part No.*	Remarks	Sign Blank No. X-	Old Sign No.
M6-7	South Cardinal Marker Sec.1D-12,1D-23	28x16	162300- 162301	To be mounted above a 28" x 28" Route Marker.	29	M-147
M6-8	West Cardinal Marker Sec.1D-12,1D-23	28x16	162350- 162351	To be mounted above a 28" x 28" route marker.	29	M-148
M6-9	Trailblazer (TO) Sec.1D-24	18x12	162400- 162401	To be erected above a Cardinal Direction marker, if needed, a 28" x 28" route marker and a directional arrow for directional guidance to special highway facilities.	16	
M7-1	Horse Type Stand Sec.5C-3	-	163000	One "horse" to support each M7-2.		
M7-2	Barricade Rail Sec.5C-3	1-2x6x8'	163050- 163051	Class III - For protection of construction alongside roadways.		
M7-3	Channelizing Guard Rail Right Sec.2C-1,2C-5	2-2x10x10'	163100	To be erected at bridges with same roadway width as, or less than three feet wider than the approach pavement. A complete assembly for one bridge requires 8 planks - 2(M7-3) and 2(M7-4).		M-260
M7-4	Channelizing Guard Rail Left Sec.2C-1,2C-5	2-2x10x10'	163150	To be erected at bridges with same roadway width as, or less than three feet wider than the approach pavement. A complete assembly for one bridge requires 8 planks - 2(M7-3) and 2(M7-4).		M-261
M7-5	Channelizing Guard Rail Right Sec.2C-1,2C-5	2-2x10x16'	163200	To be erected at bridges with narrower roadway width than approach pavement. A complete assembly for one bridge requires 8 planks - 2(M7-5) and 2(M7-6).		M-270
M7-6	Channelizing Guard Rail Left Sec.2C-1,2C-5	2-2x10x16'	163250	To be erected at bridges with narrower roadway width than approach pavement. A complete assembly for one bridge requires 8 planks - 2(M7-5) and 2(M7-6).		M-271
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No.	Remarks	Sign Blank No. X-	Old Sign No.
M7-7	Silver Panel for Channelizing Guard Rail, Class I or II Barricade	11 3/4 x 11 3/4 	163300- 163301	Reflectorized metal panel for both Right & Left Channelizing guard rail, one 10' plank requires 5 panels; one 16' plank requires 8 panels.	21	M-280
M7-8	Plank for Channelizing Guard Rail - Also Class I or II Barricade. Silver panels (M7-7) shall be ordered separately. Sec.5C-3	1-2x10x10'	163350	See remarks for M7-3 & M7-4. When ordering a finished unit for one corner of bridge, specify one M7-3 or one M7-4 dependent upon corner of bridge. When ordering Silver Panel Replacements specify M7-7. When ordering replacement planks, without silver panels, specify M7-8.		M-285
M7-9	Plank for Channelizing Guard Rail - Also Class I or II Barricade. Silver panels (M7-7) shall be ordered separately. Sec.5C-3	1-2x10x16'	163400	See remarks for M7-5 and M7-6. When ordering a finished unit for one corner of bridge, specify one M7-5 or one M7-6, dependent upon corner of bridge. When ordering Silver Panel Replacements specify M7-7. When ordering replacement planks, without silver panels, specify M7-9.		M-286
M7-10	Striped Object Marker Right Sec.2C-5	8x72	163450- 163451	To be authorized by T&HP		M-300
M7-11	Striped Object Marker Right Sec.2C-5	16x72	163500- 163501	To be authorized by T&HP		M-301
M7-12	Striped Object Marker Right Sec.2C-5	24x72	163550- 163551	To be authorized by T&HP		M-302
M7-13	Striped Object Marker Right Sec.2C-5	32x72	163600- 163601	To be authorized by T&HP		M-303

* FIRST NO. IS COMPLETED SIGN
SECOND NO. IS SIGN DECAL

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No.*	Remarks	Sign Blank No. X-	Old Sign No.
M7-14	Striped Object Marker Left Sec.2C-5	8x72	163650- 163651	To be authorized by T&HP		M-305
M7-15	Striped Object Marker Left Sec.2C-5	16x72	163700- 163701	To be authorized by T&HP		M-306
M7-16	Striped Object Marker Left Sec.2C-5	24x72	163750- 163751	To be authorized by T&HP		M-307
M7-17	Striped Object Marker Left Sec.2C-5	32x72	163800- 163801	To be authorized by T&HP		M-308
M7-18	Sign assembly for Closures of County Roads Severed by Interstate System	144x32	163850- 163851	Assembly is fabricated by joining two (M7-11) and two (M7-15) striped object markers.		M-309
M8-1	34th Inf. Div. Highway Marker Sec.1D-26	Special	164500- 164501			M-240
M8-2	G.A.R. Highway Marker Sec.1D-27	Special	164550- 164551			M-250
M8-3	Great River Road Marker Sec.1D-28	18x18	164600- 164601	Green legend on white background	19	M-310
M8-4	Great River Road Directional Arrow  Sec.1D-28	9x18	164650- 164651	Green legend on white background	31	M-311
M9-1	Single White Delineator Sec.2C-5, 2D-4, 2D-5	1-3 Dia.	**165200	To mark the through roadway at various locations. Spacing on horizontal curves is determined from the Formula $S=2\sqrt{R-50}$ (R = Curve radius in ft.) Max. spacing = 200', Min. spacing = 10'. If erected on left at a right hand curve they shall be mounted back to back. To be authorized by T&HP.		
** For Purposes of Requisitioning Mfg. Code P & E Part No. Use (1 ea.) 018 139500 for M9-1 Use (2 ea.) 018 140000 for M9-2 Use (3 ea.) 018 140000 for M9-3						
M9-2	Double Amber Delineator Sec.2D-4, 2D-5	2-3 Dia.	**165250	To be authorized by T&HP		
M9-3	Triple Amber Delineator Sec.1D-25, 2C-5, 2D-2, 2D-4, 2D-5	3-3 Dia.	**165300	To be mounted at bridge ends, underpass abutments and culvert headwalls.		M-200
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No. *	Remarks	Sign Blank No. X-	Old Sign No.
49-4	Cluster Reflector Button Sign Assembly, 9-3" amber delineators Sec. 2D-2, 4A-6, 4B-5, 4C-5, 4D-5	18x18 	165350	To be mounted below the Keep → Right (R4-9) sign at the beginning of a divided highway or intersection and at other locations as authorized by T&HP.		M-210
410-1	Special Guide Sign (variable message) Sec. 1D-48	variable	166000- 166001	To be authorized by T&HP.		
410-2	Stablized Base (Type of Base Material)	28x16	166800	Not Reflector Coated- To be erected on experimental roads.		M-230
410-3	Stablized Base (Type of Base Material)	48x32	166801	Not Reflector Coated- To be erected on experimental roads.		M-230
520-1	Road Construction Next _____ Miles Sec. 5B-36	60x36	125000- 125001			
520-2	End Construction Sec. 5B-37	60x24	125010- 125011			
520-3	End Road Work Sec. 5B-38	42x18	125020- 125021			
520-4	Pilot Car - Follow Me Sec. 5B-40, 5E-10	36x18	125030	Not Reflector Coated.		
61-1	Destination Sign Sec. 1D-30	60x12	105000- 105001	1 Line of Legend - to be erected at intersections and authorized by T&HP.		D-10 thru 35
61-2	Destination Sign Sec. 1D-30	72x24	105010- 105011	2 Lines of Legend - to be erected at intersections and authorized by T&HP.		
61-3	Destination Sign Sec. 1D-30	72x36	105020- 105021	3 Lines of Legend - to be erected at intersections and authorized by T&HP.		
72-1	Distance Sign Sec. 1D-32	60x12	105520- 105521	1 Line of Legend - to be erected at city corporate limits and optionally at intersections. To be authorized by T&HP.		D-40
	* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL					

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No.*	Remarks	Sign Blank No. X-	Old Sign No.
D2-2	Distance Sign Sec.1D-32	60x24	105530- 105531	2 Lines of Legend - to be erected at city corporate limits and optionally at intersections. To be authorized by T&HP.		
D2-3	Distance Sign Sec.1D-32	60x36	105540- 105541	3 Lines of Legend - to be erected at city corporate limits and optionally at intersections. To be authorized by T&HP.		
D3-1	Street Name Sec.1D-34	variable	106040- 106041			
D3-2	City Name Sec.1D-34	variable	106540- 106541			D-50
D3-3	County Name Sec.1D-48	18x9	**107040- 108021		31	D-60
D3-4	River or Lake Sec.1D-48	18x9	**108520- 111111		31	D-70
D3-5	Rest Area - ½ Mile Sec.1D-43	24x24	111600- 111601	White legend on blue background.	5	D-80
D3-6	Rest Area → Sec.1D-43	24x24	111650- 111651	White legend on blue background.	5	D-83
D3-7	Rest Area ← Sec.1D-43	24x24	111700- 111701	White legend on blue background.	5	D-84
D3-8	State Park Sign-Green Tree → Sec.1D-48	36x60	111750- 111751	To be authorized by T&HP.		
D3-9	State Park Sign-Green Tree ← Sec.1D-48	36x60	111800- 111801	To be authorized by T&HP.		
D3-10	Historical Marker - ½ Mile Sec.1D-48	24x24	111850- 111851		5	D-85
D3-11	Historical Marker → Sec.1D-48	24x24	111900- 111901		5	
D3-12	Historical Marker ← Sec.1D-48	24x24	111950- 111951		5	
D3-13	Approved Water Supply Sec.1D-48	24x24	112000- 112001		5	D-11
*FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL **FOR SPECIFIC COUNTY, RIVER OR LAKE NO. REFER TO						

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No. *	Remarks	Sign Blank No. X-	Old Sign No.
D3-14	Highway Commission Garage → Sec.1D-49	48x12	112050- 112051			D-140
D3-15	Highway Commission Garage ← Sec.1D-49	48x12	112100- 112101			D-140
D3-16	Iowa State Highway Commission Maintenance Garage Sec.1D-49	6'-10x12	112150	Not Reflector Coated.		D-120
D3-17	Resident Maintenance Engineer Sec.1D-49	28x10	112200	Not Reflector Coated.		D-130
D3-18	End of State Maintenance Sec.1D-48	18x9	112250- 112251		31	D-90
D3-19	Restricted Access Sec.1D-48	32x16	112300	Not Reflector Coated - To be erected only on highways where access has been restricted by Commission action. Sign to be erected on R.O.W. line parallel to pavement on alternate sides of the highway at intervals of ½ mile.	10	D-160
D3-20	Frontage Road _____ Sec.1D-44	84x36	See Page 29	(a) 1000 Feet (b) 500 Feet To be authorized by T&HP.		
D3-21	Frontage Road → Sec.1D-44	84x36	112312- 112313	To be authorized by T&HP.		
D3-22	Frontage Road ← Sec.1D-44	84x36	112316- 112317	To be authorized by T&HP.		
D4-1	Speedometer Check ½ Mile Ahead Sec.1D-48	48x24	112350	Not Reflector Coated - to be authorized by T&HP.	35	D-180
D4-2	Start Check Mile 0 Sec.1D-48	24x24	112360	Not Reflector Coated - to be authorized by T&HP.	5	D-181
D4-3	End Check Mile 10 Sec.1D-48	24x24	112370	Not Reflector Coated - to be authorized by T&HP.	5	D-182
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

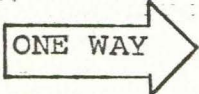
Sign Number	Description		Size (in.)	Mfg. Code 019 P&E Part No.*	Remarks	Sign Blank No. X-	Old Sign No.
D4-4	Mile 1	Sec.1D-48	12x18	112380	Not Reflector Coated - to be authorized by T&HP.	16	D-190
D4-5	Mile 2	Sec.1D-48	12x18	112390	Not Reflector Coated - to be authorized by T&HP.	16	D-191
D4-6	Mile 3	Sec.1D-48	12x18	112400	Not Reflector Coated - to be authorized by T&HP.	16	D-192
D4-7	Mile 4	Sec.1D-48	12x18	112410	Not Reflector Coated - to be authorized by T&HP.	16	D-193
D4-8	Mile 5	Sec.1D-48	12x18	112420	Not Reflector Coated - to be authorized by T&HP.	16	D-194
D4-9	Mile 6	Sec.1D-48	12x18	112430	Not Reflector Coated - to be authorized by T&HP.	16	D-195
D4-10	Mile 7	Sec.1D-48	12x18	112440	Not Reflector Coated - to be authorized by T&HP.	16	D-196
D4-11	Mile 8	Sec.1D-48	12x18	112450	Not Reflector Coated - to be authorized by T&HP.	16	D-197
D4-12	Mile 9	Sec.1D-48	12x18	112460	Not Reflector Coated - to be authorized by T&HP.	16	D-108
D5-1	Interstate Trailblazer Assembly 						

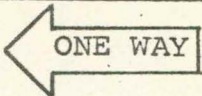
Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No.*	Remarks	Sign Blank No. X-	Old Sign No.
D5-2	Interstate Trailblazer Assembly → Sec.1D-48	24x54	113010- 113011	To be erected for directional guidance to an Interstate Highway. An appropriate Cardinal Marker should be specified. To be authorized by T&HP.		
D5-3	Interstate Trailblazer Assembly ← Sec.1D-48	24x54	113020- 113021	To be erected for directional guidance to an Interstate Highway. An appropriate Cardinal Marker should be specified. To be authorized by T&HP.		
D5-4	Interstate Trailblazer Assembly ↑ Sec.1D-48	24x48	113030- 113031	To be erected for directional guidance to an Interstate Highway. <u>No</u> Cardinal Marker is included. To be authorized by T&HP.		
D5-5	Interstate Trailblazer Assembly → Sec.1D-48	24x48	113040- 113041	To be erected for directional guidance to an Interstate Highway. <u>No</u> Cardinal Marker is included. To be authorized by T&HP.		
D5-6	Interstate Trailblazer Assembly ← Sec.1D-48	24x48	113050- 113051	To be erected for directional guidance to an Interstate Highway. <u>No</u> Cardinal Marker is included. To be authorized by T&HP.		
D3-20a	Frontage Road 1000 Feet	84x36	112304- 112305			
D3-20b	Frontage Road 500 Feet	84x36	112308- 112309			
	* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL					

List of Interstate Signs Showing Number,
Description, Size, P & E Part No., Color, Remarks
and Sign Blank No.

W = White
B = Black
Y = Yellow
BL = Blue
G = Green
R = Red

} COLOR
CODE

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No.*	Color	Remarks	Sign Blank No. X-
REGULATORY SIGNS						
I-10	Stop	48x48	**230000- 230001	R&W	** For Purposes of Requisitioning Use P & E Part No. 167000- 167001	43
I-11	Yield	60x60x60	230500- 230501	B&Y		44
I-20	Speed Limit - 20	48x60	231000- 231001	B&W		42
I-21	Speed Limit - 25	48x60	231050 231051	B&W		42
I-22	Speed Limit - 30	48x60	231100- 231101	B&W		42
I-23	Speed Limit - 35	48x60	231150- 231151	B&W		42
I-24	Speed Limit - 40	48x60	231200- 231201	B&W		42
I-25	Speed Limit - 45	48x60	231250- 231251	B&W		42
I-26	Speed Limit - 50	48x60	231300- 231301	B&W		42
I-27	Speed Limit - 55	48x60	231350- 231351	B&W		42
I-28	Speed Limit - 75/65 camouflaged	48x60	231400- 231401	B&W	Mounted on Steel Posts	42
I-29	Minimum Speed - 40	48x48	232000- 232001	B&W	Mounted on Steel Posts	40
I-30	Do Not Enter	48x60	232500- 232501	B&W		42
I-40		48x18	233000- 233001	B&W		46
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No.*	Color	Remarks	Sign Blat No. X-
RI-41		48x18	233050- 233051	B&W		46
RI-50	No Right Turn	48x60	233500- 233501	B&W		42
RI-60	No Left Turn	48x60	233550- 233551	B&W		42
RI-70	No U Turn	48x60	234000- 234001	B&W		42
RI-80	Slower Traffic Keep Right	48x60	234500- 234501	B&W		42
RI-90	No Stopping on Pavement	48x60	235000- 235001	B&W		42
RI-100	No Stopping Except For Repairs	48x60	235500- 235501	B&W		42
RI-110	Keep Off Median	48x60	236000- 236001	B&W		42
RI-120	Keep → Right	48x60	236500- 236501	B&W		42
RI-130	No Parking Any Time	48x60	237000- 237001	B&W		42
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

List of Interstate Signs Showing Number,
Description, Size, P & E Part No., Color, Remarks
and Sign Blank No.

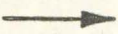
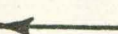
Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No. *	Color	Remarks	Sign Blank No. X-
WARNING SIGNS						
VI-10	Merging Traffic	48x48	238000- 238001	B&Y		45
VI-20	Stop Ahead	48x48	238500- 238501	B&Y		45
VI-30	One Lane 	48x48	239000- 239001	B&Y		45
VI-40	Two-Way Traffic ____ Ft.	66x54	239500- 239501	B&Y	Detachable Copy - Steel Posts	
VI-50	Divided Road ____ Mile	66x60	240000- 240001	B&Y	Detachable Copy - Steel Posts	
VI-60	Curve Right	48x48	240500- 240501	B&Y		45
VI-61	Curve Left	48x48	240550- 240551	B&Y		45
VI-70	Advisory Speed - 20 MPH	24x24	** 241000- 241001	B&Y **	For Purposes of Requisitioning Use 5 P & E Part No. 191100-191101.	
VI-71	Advisory Speed - 25 MPH	24x24	** 241050- 241051	B&Y **	For Purposes of Requisitioning Use 5 P & E Part No. 191150-191151.	
VI-72	Advisory Speed - 30 MPH	24x24	** 241100- 241101	B&Y **	For Purposes of Requisitioning Use 5 P & E Part No. 191200-191201.	
VI-73	Advisory Speed - 35 MPH	24x24	** 241200- 241201	B&Y **	For Purposes of Requisitioning Use 5 P & E Part No. 191250-191251.	
VI-74	Advisory Speed - 40 MPH	24x24	* 241250- 241251	B&Y *	For Purposes of Requisitioning Use 5 P & E Part No. 191300-191301.	
VI-75	Advisory Speed - 45 MPH	24x24	* 241300- 241301	B&Y *	For Purposes of Requisitioning Use 5 P & E Part No. 191350-191351.	
VI-76	Advisory Speed - 50 MPH	24x24	* 241350- 241351	B&Y *	For Purposes of Requisitioning Use 5 P & E Part No. 191400-191401.	
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

Sign Number	Description	Size (in.)	Mfg.Code 019 P&E Part No. *	Color	Remarks	Sign Blan No. X-
WI-80	Exit Speed - 15 MPH	48x60	242000- 242001	B&Y		42
WI-81	Exit Speed - 20 MPH	48x60	242050- 242051	B&Y		42
WI-82	Exit Speed - 25 MPH	48x60	242100- 242101	B&Y		42
WI-83	Exit Speed - 30 MPH	48x60	242150- 242151	B&Y		42
WI-84	Exit Speed - 35 MPH	48x60	242200- 242201	B&Y		42
WI-85	Exit Speed - 40 MPH	48x60	242250- 242251	B&Y		42
WI-86	Exit Speed - 45 MPH	48x60	242300- 242301	B&Y		42
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

List of Interstate Signs Showing Number,
Description, Size, P & E Part No., Color, Remarks
and Sign Blank No.

Sign Number	Description	Size (in.)	Mfg.Code 019 P&E Part No.*	Color	Remarks	Sign Blank No. X-
GUIDE SIGNS						
MI-1	Route Marker - Interstate (Iowa)	21x18	213000 - 213071	R,W & Bl	Independent - State name, 2 & 3 Digits.	
MI-2	Route Marker - Interstate (Iowa)	24x24	213080 - 213111	R,W & Bl	Erect on intersecting highways and approach roads, 2 digits.	47
MI-3	Route Marker - Interstate (Iowa)	30x25	213120 - 213151	R,W & Bl	3 Digits	48
MI-4	Route Marker - Interstate (Iowa)	36x36	213160 - 213191	R,W & Bl	Erect on Interstate System Road- ways, 2 digits.	49
MI-5	Route Marker - Interstate (Iowa)	42x36	213200 - 213231	R,W & Bl	3 Digits.	50
MI-6	Route Marker - Interstate	24x24	213240 - 213271	R,W & Bl	Attach to Guide Signs - No State Name, 2 Digits.	
MI-7	Route Marker - Interstate	30x25	213280 - 213311	R,W & Bl	3 Digits.	
MI-8	Route Marker - Interstate	36x36	213320 - 213351	R,W & Bl	3 Digits.	
MI-9	Route Marker - Interstate	36x36	213360 - 213391	R,W & Bl	2 Digits.	
MI-10	Route Marker - Interstate	45x38	213400 - 213431	R,W & Bl	3 Digits.	
* FOR SPECIFIC ROUTE MARKER <u>NUMBERS</u> REFER TO P & E CATALOG						

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No. *	Color	Remarks	Blk No. X-
MI-11	Route Marker - Interstate	48x48	213440 - 213471	R, W & Bl	2 Digits.	
MI-12	Route Marker - Interstate	58x51	213480 - 213511 -	R, W & Bl	3 Digits.	
MI-13	Route Marker - U.S.	24x24	213520 - 213651	B & W	Independent - U.S. marking, erect on intersecting highways and in- terstate system roadways, 1 & 2 Digits.	51
MI-14	Route Marker - U.S.	28x24	213660 - 213681	B & W	3 Digits.	52
MI-15	Route Marker - U.S.	28x24	213690 - 213821	B & W	Attach to Guide Signs - No U.S. Marking, 2 digits.	
MI-16	Route Marker - U.S.	36x24	213830 - 213851	B & W	3 Digits.	
MI-17	Route Marker - U.S.	35x30	213860 - 213991	B & W	2 Digits.	
MI-18	Route Marker - U.S.	45x30	214000 - 214021	B & W	3 Digits.	
MI-19	Route Marker - U.S.	42x36	214030 - 214161	B & W	2 Digits.	
MI-20	Route Marker - U.S.	54x36	214170 - 214191	B & W	3 Digits.	
MI-21	Route Marker - U.S.	49x42	214200 - 214331	B & W	2 Digits.	
MI-22	Route Marker - U.S.	63x42	214340 - 214361	B & W	3 Digits.	
MI-23	Route Marker - Iowa	24 Dia.	214370 - 215301	B & W	Independent - Ia. marking, erect on intersecting highways and Interstate system roadways, 1, 2 & 3 digits.	53
* FOR SPECIFIC ROUTE MARKER NUMBERS REFER TO P & E CATALOG						

Sign Number	Description	Size (in.)	019 P&E Part No.*	Color	Remarks	Sign Blank No. X-
MI-24	Route Marker - Iowa	24 Dia.**	215500 - 216431	B & W	Attach to Guide Sign - No Ia. marking, 1, 2 & 3 digits.	
MI-25	Route Marker - Iowa	30 Dia.**	216630 - 217561	B & W	1, 2 & 3 Digits.	
MI-26	Route Marker - Iowa	36 Dia.**	217760 - 218671	B & W	1, 2 & 3 Digits.	
MI-27	Route Marker - Iowa	42 Dia.**	218870 - 219761	B & W	1, 2 & 3 Digits.	
MI-30	Directional Arrow 	21x15	223000- 223001	W&B1		54
MI-31	Directional Arrow 	21x15	223050- 223051	B & W		54
MI-32	Directional Arrow 	21x15	223100- 223101	W&B1		54
MI-33	Directional Arrow 	21x15	223150- 223151	B & W		54
MI-34	Directional Arrow 	21x15	223200- 223201	W&B1		54
MI-35	Directional Arrow 	21x15	223250- 223251	B & W		54
MI-36	Directional Arrow 	21x15	223300- 223301	W&B1		54
MI-37	Directional Arrow 	21x15	223350- 223351	B & W		54
MI-38	Directional Arrow 	21x15	223400- 223401	W&B1		54
MI-39	Directional Arrow 	21x15	223450- 223451	B & W		54
MI-40	Advance Directional Arrow 	21x15	224000- 224001	W&B1		54
MI-41	Advance Directional Arrow 	21x15	224050- 224051	B & W		54
MI-42	Advance Directional Arrow 	21x15	224100- 224101	W&B1		54
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL			**	FOR SPECIFIC ROUTE MARKER NUMBERS REFER TO P & E CATALOG		

Sign Number	Description	Size (in.)	019 P&E Part No. *	Color	Remarks	Sign Blank No. X-
MI-43	Advance Directional Arrow 	21x15	224150- 224151	B & W		54
MI-44	Advance Directional Arrow 	21x15	224200- 224201	W&B1		54
MI-45	Advance Directional Arrow 	21x15	224250- 224251	B & W		54
MI-46	Advance Directional Arrow 	21x15	224300- 224301	W&B1		54
MI-47	Advance Directional Arrow 	21x15	224350- 224351	B & W		54
MI-50	Exit 	72x60	225000- 225001	W & G	Detachable copy - Steel Posts	
MI-60	Cardinal Marker - North	21x9	226000- 226001	W&B1		55
MI-61	Cardinal Marker - East	21x9	226050- 226051	W&B1		55
MI-62	Cardinal Marker - South	21x9	226100- 226101	W&B1		55
MI-63	Cardinal Marker - West	21x9	226150- 226151	W&B1		55
MI-65	Cardinal Marker - North	21x9	226200- 226201	B & W		55
MI-66	Cardinal Marker - East	21x9	226250- 226251	B & W		55
MI-67	Cardinal Marker - South	21x9	226300- 226301	B & W		55
MI-68	Cardinal Marker - West	21x9	226350- 226351	B & W		55
MI-70	Cardinal Marker - North	30x15	226400- 226401	W&B1		56
MI-71	Cardinal Marker - East	30x15	226450- 226451	W&B1		56
MI-72	Cardinal Marker - South	30x15	226500- 226501	W&B1		56
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

Sign Number	Description	Size (in.)	Mfg. Code 019 P&E Part No.*	Color	Remarks	Sign Blank No. X-
MI-73	Cardinal Marker - West	30x15	226550-	W&B1		56
MI-80	Thru  Traffic (Overhead)	12'x9'	226551 227000- 227001	W&G	Detachable copy - Reflector Button.	
MI-90	Rest Area 2 Miles	14'x6'	227050- 227051	W&B1	Detachable copy - Steel Posts	
MI-91	Rest Area 1 Mile	14'x6'	227100- 227101	W&B1	Detachable copy - Steel Posts	
MI-100	Rest Area Right Lane	10'x5'	227150- 227151	W&B1	Detachable copy - Steel Posts	
MI-101	Rest Area 	10'x5'	227200- 227201	W&B1	Detachable copy - Steel Posts	
MI-110	Gas-Food-Lodging Next Exit	9'x5'	228000- 228001	W&B1		
MI-120	Gas-Food-Lodging 	9'x5'	228050- 228051	W&B1		
MI-121	Gas-Food-Lodging 	9'x5'	228100- 228101	W&B1		
MI-122	Gas-Food-Lodging 	9'x5'	228150- 228151	W&B1		
MI-130	Next Services ____ Miles	10.5'x4'	228500- 228501	W&B1	Detachable copy - Steel Posts	
MI-140	Junction - Jct.	21x15	229000- 229001	W&B1		54
MI-141	Junction - Jct.	21x15	229050- 229051	B&W		54
1-C	Single White Delineator	3 Dia.	**165200 See Page 39	White	Center mount reflector. To mark the through roadway. 200' intervals.	
2-A	Double Amber Delineator	3 Dia.	**165250 See Page 39	Amber	Center mount reflector. To mark the interchange ramps and the acceleration and deceleration lanes. 100' intervals.	
* FIRST NO. IS COMPLETED SIGN SECOND NO. IS SIGN DECAL						

Sign Number	Description	Size (in.)	Mfg.Code 019 P&E Part No.	Color	Remarks	Sign Blan No. X-								
3-A	Triple Amber Delineator	3 Dia.	** 165300	Amber	Center mount reflector. To mark the end of an acceleration lane.									
	**For Purposes of Requisitioning													
	<table><tr><td>Mfg.Code</td><td>P & E Part No.</td></tr><tr><td>Use (1 ea.) 018</td><td>139500 for 1-C</td></tr><tr><td>Use (2 ea.) 018</td><td>140000 for 2-A</td></tr><tr><td>Use (3 ea.) 018</td><td>140000 for 3-A</td></tr></table>						Mfg.Code	P & E Part No.	Use (1 ea.) 018	139500 for 1-C	Use (2 ea.) 018	140000 for 2-A	Use (3 ea.) 018	140000 for 3-A
Mfg.Code	P & E Part No.													
Use (1 ea.) 018	139500 for 1-C													
Use (2 ea.) 018	140000 for 2-A													
Use (3 ea.) 018	140000 for 3-A													

-39-

SIGN BLANKS FOR PRIMARY & INTERSTATE

55

Sign Blank Number	Description	Size (in.)	Mfg.Code 019 P&E Part No. *	Remarks
X-1	Route Marker	28x28	205000- 205050	U.S. and Ia. Routes
X-2	U.S. Route Marker	16½x16	205100- 205150	Shield
X-3	Ia. Route Marker	16 Dia.	205200- 205250	Circle
X-4	30 x 30 Sign	30x30	205300- 205350	Diamond or rectangle
X-5	24 x 24 Sign	24x24	205400- 205450	Rectangle or diamond
X-8	18 x 24 Sign	18x24	205700- 205750	
X-9	24 x 12 Sign	24x12	205800- 205850	
X-10	32 x 16 Sign	32x16	205900- 205950	
X-11	24 x 30 Sign	24x30	206000- 206050	
X-13	30 Stop sign	30x30	206200- 206250	Octagon
X-16	12 x 18 Sign	12x18	206500- 206550	
X-17	24 x 15 Sign	24x15	206600- 206650	
X-19	18 x 18 Sign	18x18	206800- 206850	Rectangle
X-20	36 Stop Sign	36x36	206900- 206950	Octagon
X-21	Channelizing Guard Rail Panel	11 3/4x11 3/4	207000- 207050	
X-23	30 x 36 Sign	30x36	207200- 207250	

* FIRST NO. IS PLAIN BLANK
SECOND NO. IS PAINTED BLANK

Sign Blank Number	Description	Size (in.)	Mfg.Code 019 P&E Part No.*	Remarks
X-24	36 x 36 Sign	36x36	207300- 207350	Diamond or rectangle - 1 post erection
X-25	No Passing Zone Sign	36x48x48	207400- 207450	Triangle
X-27	36 Yield Sign	36x36x36	207600- 207650	Triangle
X-28	16 x 9 Sign	16x9	207700- 207750	
X-29	28 x 16 Sign	28x16	207800- 207850	
X-31	18 x 9 Sign	18x9	208000- 208050	
X-32	36 x 48 Sign	36x48	208100- 208150	
X-33	36 x 36 Sign	36x36	208200- 208250	Rectangle - 2 post erection
X-35	48 x 24 Sign	48x24	208400- 208450	
X-36	Railroad Advance Warning Sign	36 Dia.	208500- 208550	Circle
X-37	24 Stop Sign	24x24	208600- 208650	Octagon
X-38	48 Yield Sign	48x48x48	208700- 208750	Triangle
X-39	36 x 12 Sign	36x12	208800- 208850	
X-40	48 x 48 Sign	48x48	208900- 208950	Rectangle - 2 post erection.
X-41	48 x 30 Sign	48x30	209000- 209050	
X-42	48 x 60 Sign	48x60	209100- 209150	
X-43	48 Stop Sign	48x48	209200- 209250	Octagon
* FIRST NO. IS PLAIN BLANK SECOND NO. IS PAINTED BLANK				

Sign Blank Number	Description	Size (in.)	Mfg.Code 019 P&E Part No. *	Remarks
[-44	60 Yield Sign	60x60x60	209300- 209350	Triangle
[-45	48 x 48 Sign	48x48	209400- 209450	Diamond - 2 post erection
[-46	48 x 18 Sign	48x18	209500- 209550	
[-47	Interstate Route Marker	24x24	209600- 209650	Shield, 1 & 2 numerals
[-48	Interstate Route Marker	30x25	209700- 209750	Shield, 3 numerals
[-49	Interstate Route Marker	36x36	209800- 209850	Shield, 1 & 2 numerals
[-50	Interstate Route Marker	42x36	209900- 209950	Shield, 3 numerals
[-51	U.S. Route Marker	24x24	210000- 210050	Shield, 1 & 2 numerals
[-52	U.S. Route Marker	28x24	210100- 210150	Shield, 3 numerals
[-53	Ia. Route Marker	24 Dia.	210200- 210250	Circle, 1, 2, & 3 numerals
[-54	21 x 15 Sign	21x15	210300- 210350	
[-55	21 x 9 Sign	21x9	210400- 210450	
[-56	30 x 15 Sign	30x15	210500- 210550	
* FIRST NO. IS PLAIN BLANK SECOND NO. IS PAINTED BLANK				

STATE LIBRARY OF IOWA



3 1723 02095 1539